

## Heavy rainstorms cause widespread but minor damage at Argonne-East

The "Flood of '96" left its mark on the Argonne-East site, mostly in the form of flooded service floors and damage to roads and bridges.

Argonne received 11.57 inches of rain between 11 a.m. July 17 and 11 a.m. July 18. The largest one-hour total, 2.89 inches between 3 p.m. and 4 p.m. on July 17, coincided with a tornado warning that sent employees to shelter areas.

Most of the site's major buildings got some water in their service floors, said Rich Pagel, manager of building services.

"The storm pumps couldn't keep up," Pagel said. "In all my years at the lab — and I've been here 29 years — I've never seen the flooding this bad."

Most buildings were quickly drained of storm water by mid-day, Thursday, July 18, and there was little disruption to facility operations. Power was shut off to Building 214 for a short time due to water lapping at the base of an electrical substation near the building. Building 214 is also one of the few structures on site with work areas below ground; some of the cubicles on the lower level were unusable for a short time.

The site's steam supply was shut down at about 2 p.m. on July 18 due to flooding in a steam pit at Eastwood Drive and Inner Circle. The underground vault contains valves that control the flow of steam to the 200 and 300 areas. Letting cold flood water contact the 400-degree steam lines might have ruptured the pipes, Pagel said, so the steam supply was stopped at the source.

Patrons of the Building 213 Cafeteria found their food choices somewhat restricted and used disposable plates on Friday, July 19, because the steam normally used in the cafeteria's dishwashers and for some cooking was not available.

The Eastwood extension bridge over Sawmill Creek

was closed for two days due to water damage. Northgate Road was closed for a short time July 17 as water came up to the guard house. PFS crews laid down 250 tons of gravel to fill in the road's eroded shoulder and were kept busy for several days repairing flood damage to the site's roadways.

Freund Pond is now a creek, the dam having burst in the pounding rainstorm, and two pedestrian bridges on the jogging trails were washed away.



RAINSTORM — Above, Freund Pond disappeared after the dam at the east end of the "swan pond" burst under a torrent of rain July 17-18. At top, a cyclist watches the normally placid Sawmill Creek rage under the Eastwood Drive bridge. Below, water covers Cass Avenue and Northgate Road, shutting down the laboratory's main entrance July 18. Photos at top and bottom by Larry Nowicki; center photo by George Joch.



BRUSH FIRES — Ed Hahn (ED) took this photo along U.S. 20, about three miles from Argonne-West, shortly before the site was evacuated. According to early estimates, two fires just days apart burned about 50,000 acres.

## ANL-W evacuated twice as brush fires encircle Idaho site

Argonne-West was evacuated twice in four days due to brush fires that burned more than 50,000 acres, according to preliminary reports.

The first fire started in the afternoon of July 15. Argonne-West was evacuated at about 4 p.m. Increases in wind speed and changes in direction caused the fire to burn completely around the Argonne-West site, except the northwest corner.

Sixty-two Argonne-West employees remained on site to help fight the fire and maintain facilities. Operations were directed from the site's emergency control center. U.S. Bureau of Land Management fire crews, the Idaho National Engineering Laboratory fire department, helicopters, and two air tankers helped battle the fire, which was brought under control at about 2 a.m.

The Idaho site experienced a temporary power outage due to shifting power around the site. Operations were back to normal the following morning. Some power poles did catch fire, but no serious damage to those poles was reported.

Several flare-ups occurred over the next few days, but another large fire flared up on Thursday, forcing yet another evacuation. The second burn may have started at a leftover "hot spot" close to where the previous fire began.

## Inside this issue of Argonne News

- Local theater plans 'Chain Reaction' sneak preview
- Argonne at 50: On the cutting edge of superconductor research

## 'Partners in Progress' colloquium

# David: U.S. 'experiment' is increasingly risky

As technology and society continue moving in new directions at a rapid pace, America risks political and social turmoil, according to Edward E. David Jr., who spoke at the July 17 Director's Special Colloquium.

David, president of EED Inc., was a science adviser to former President Nixon and was president of the American Association for the Advancement of Science. The colloquium was part of "Partners in Progress: Science, Technology and Society," a series in honor of Argonne's 50th anniversary.

"The United States has become the world's largest laboratory for cultural and social experimentation," David said, "and we don't know how the experiments will turn out. Should many of them fail, increasing upheaval can be expected."

David said the decrease in research funding and the abandonment of long-held funding policies and practices are concerns for American scientists. Even within the scientific community "there is unfortunate back-biting and ... disciplinary turf battles," David said.

The standing of scientific research with the public and the influence of media are also troubling. The association of Ted Kaczynski, the accused Unabomber, with academic mathematics has reinforced the "mad scientist"

image of intellectual researchers. NBC-TV recently ran a program that was supposed to be an exposé of suppressed evidence about the mystic origins of man. According to David, the show was full of misinformation and sinister accusations that the science community suppresses evidence.

"Such farces can indeed be damaging to the credibility of science and to the proper influence of scientific findings on public and private issues," David said.

David said that the resulting picture of "science policy in turmoil" has emerged for several reasons. For one, events like the collapse of the Soviet Union have changed the world's power structure. He also noted that for the first time in 50 years, we live in a peacetime society, and one ruled by capitalist morals at that. Within this climate of social change, people look for answers while battling potential unemployment, tense race relations and judicial breakdown, David said.

"The United States is experimenting as no society has done before," David said. "The risks of these experiments are high and the cultural fallout could be painful and destructive. ... The best road to take is one along the shore of reality, being careful to seed that shore with real content."

## Sneak preview of 'Chain Reaction' may be possible

At press time for *Argonne News*, discussions were continuing with area theaters and 20th Century Fox to arrange a showing of the movie "Chain Reaction" limited to Argonne and DOE employees.

If such a showing can be arranged, details will be announced on video kiosks in the lobbies of buildings 201, 213, 360 and 362 and in a revised edition of *Argonne News* on the World Wide Web at <http://www.anl.gov/OPA/local/news96/an.html>. And, if it happens, tickets will be on sale beginning Monday at the cafeteria.

"Chain Reaction," opens in theaters nationwide on Friday, Aug. 2 and stars Keanu Reeves, Morgan Freeman, and, in its feature film debut, Argonne National Laboratory, playing the part of a secret research installation called "Mount Weather."

About 300 Argonne and DOE employees served as extras during the filming at Argonne during February and April.

## Argonne continues to lead in research on superconductors

(Latest in a series of articles recalling key events in Argonne's history.)

Nine years ago July 28, President Ronald Reagan, attending a scientific conference in the nation's capitol, received an up-close look at how high-temperature superconductors work from Alan Schriesheim, who was then director and chief executive officer of Argonne National Laboratory.

At the time, high-temperature superconductors were riding a wave of public interest. Discovered only a year before, they were considered new wonder materials because they could conduct electrical current with no energy loss when cooled by liquid nitrogen, a common industrial chemical that costs about the same as beer.



**SUPER WIRE** — Anand Iyer (ET) fills silver tubes with a high-temperature superconducting powder that loses all resistance to electricity when cooled with liquid nitrogen. These tubes were made into coils that produced the strongest magnetic fields ever generated by high-temperature superconductors.

They promised such technological advances as more efficient electric motors and generators, magnetic energy-storage devices, smaller and faster computers, and power lines that could carry electricity hundreds of miles with little or no energy loss.

Their high economic potential generated an international race among Germany, Japan and the United States to develop and market long lengths of practical wire from high-temperature superconductors.

In that climate, Schriesheim's role in demonstrating these new wonders to the president symbolized Argonne's long-recognized position as a national leader in superconductivity research.

Today, the hopes initially held out for high-temperature superconductors have yet to be realized. The materials proved to be brittle and hard to shape into long wires that could carry practical amounts of electrical current along their full length.

But Argonne is still a leader in moving them toward the day when they will be a major part of the American technology marketplace. Recently, for example, Argonne and the University of Pittsburgh announced a new technology that produces wires with greater current carrying ability than that achieved by other methods.

Other Argonne accomplishments in this field include:

■ Argonne scientists were the first Americans to extrude wire from high-temperature superconductors.

■ Argonne scientists were the first in the world to successfully put electrical current through wire made from yttrium-barium-copper oxide, the first widely studied example of the new superconductors.

■ Argonne and Commonwealth Edison Research developed the world's most efficient bearing, which is based on high-temperature superconductors.

■ Argonne and Intermagnetics General Corp. have twice broken the world record for the strongest magnetic field generated by a high-temperature superconductor.

■ Illinois Superconductor Corp., a publicly traded company that is marketing superconducting products, is based on six Argonne patents and one Northwestern University patent.

■ Argonne was the first national laboratory to develop a superconducting technology licensed exclusively to a private firm. American Superconductor Corp., Watertown, Mass., received exclusive license to develop and market

# ARGONNE at 50

an Argonne-developed technology for making flexible superconducting wire.

■ Argonne led a national survey to assess the potential economic impact of high-temperature superconductors in fields such as electrical power generation and transmission, electrical motors, computers and other electronic devices, magnetic energy storage, transportation, and medical diagnosis.

■ Argonne patented the world's first electrical motor based on high-temperature superconductors.

■ Argonne was first to determine the precise crystal-line structure of yttrium-barium-copper oxide.

Argonne is also a partner in the National Science Foundation Science and Technology Center for Superconductivity, a joint research effort with the University of Illinois at Urbana-Champaign, the University of Chicago, and Northwestern University. The center's research includes superconductivity theory, chemical synthesis, study of basic properties, growth of superconducting materials, thin films, ceramic processing and bulk properties.

Even before the discovery of high-temperature superconductors, Argonne was a world leader in studying and using low-temperature superconductors— materials that must be cooled by liquid helium to nearly absolute zero before they conduct electricity without energy loss. Notable accomplishments in low-temperature superconductivity include:

■ In the 1950s, Argonne built the 12-foot bubble chamber, the world's first large particle detector for high-energy physics to use superconducting technology.

■ Argonne developed the world's first heavy-ion linear accelerator to use superconducting technology.

■ Argonne holds a patent on a superconducting transistor.

With this record of accomplishment, it's no wonder that for several years Argonne has had the nation's largest publicly funded superconductivity research program.

— David Baurac

## HR releases retirement plan interest rates

Current rates for fixed interest accounts in Argonne's retirement plans are:

Fund	Contributions made from:	Rate earned, through:
TIAA Regular	07/01/96 — 09/30/96	7.25% — 09/30/96
TIAA Supplemental	07/01/96 — 09/30/96	6.75% — 09/30/96
Prudential Fixed Interest Account*	07/01/96 — 06/30/97	7.13% — 06/30/97
Prudential Guaranteed Interest Account	07/01/96 — 09/30/96	6.70% — 12/31/97
UNUM (Old Account)	01/01/96 — 12/31/96	3.50% — 12/31/96
UNUM "No Load"***	02/01/96 — 12/31/96	5.75% — 12/31/96

\* Non-Staff Retirement Plan Only

\*\* The minimum guaranteed interest rate for 1996 is 5 percent for this account

## O'Leary lauds two employees for work with 'necessary and sufficient' process

U.S. Energy Secretary Hazel O'Leary has recognized the contributions of Al Knox (TD) and Dennis Parzyck (EQO) for helping develop and demonstrate the "Necessary and Sufficient Closure Process" (NSCP).

The NSCP establishes a set of environmental, safety and health standards tailored to the work being done at a particular DOE facility. The simplified process aims to protect workers, the public and the environment while often reducing DOE orders. The procedures that Knox and

Parzyck helped demonstrate and develop are now being used for decontamination and decommissioning projects at other DOE facilities.

Demonstrations of the NSCP, since renamed the "Work Smart Standards," began at nine locations in February 1995, with the CP-5 project being one of the first processes demonstrated. Work Smart Standards are now being applied at 15 additional sites throughout the DOE complex.

## Hinchman honored for contributions to scientific community

Ray Hinchman (ES) received the 1995 Coastal Saline and Freshwater Aquatic Habitat Preservation Award from Horticultural Systems, Inc., Parrish, Fla.

Hinchman received the award in recognition of his 35 years dedicated to the scientific community, through laboratory and field research developing the scientific relationships between native plants and the environment.

Hinchman is a botanist and plant physiologist in the Energy Systems Division. Currently, he is working on methods of reducing organic compounds, heavy metals, and trace elements through the biological filtering effect of phytoremediation, a biological process that uses plants to take up, store or degrade environmental contaminants.

Horticultural Systems grows and supplies plant material as transplants for restoration, revegetation and research projects. The company sponsors and hosts an annual meeting on native species; beach, dune, wetland, and upland restoration; and plant species revegetation.

## Former DOE historian to speak on AEC

Richard Hewlett, former DOE historian, will speak on the 50th anniversary of the signing of the Atomic Energy Commission Act on Thursday, Aug. 1.

Hewlett's talk will begin at 1 p.m. in the Building 200 Auditorium. Cake will be served following the presentation in the Building 201 lobby.

All Argonne and DOE employees are invited to attend.

## 50th anniversary shirts and mugs go on sale July 29

T-shirts, sweatshirts, microwaveable coffee mugs and thermal mugs featuring Argonne's 50th anniversary logo will be on sale in Argonne-East's Building 213 Cafeteria July 29 through Aug. 2.

Adult T-shirts are \$8 and come in sizes M, L, XL and XXL. Youth T-shirts are \$6 and come in XS, S, M, L.

Sweatshirts are black, with a gold, metallic 50th anniversary logo, and are offered in adult sizes small, medium, large, XL and XXL. Each shirt costs \$15.

Coffee mugs are microwaveable metallic gold and black and are \$6. Thermal mugs are granite with gold logo and are \$5.

## New club devoted to R/C model aircraft

A new club devoted to those interested in flying and building radio controlled model aircraft has been formed at Argonne-East.

Membership is open to all regular and retired Argonne and U.S. Department of Energy employees. Detailed information about the club can be found at its web site, at <http://www.mcs.anl.gov/home/more/arcm/anlhome.htm>, or click on the link on the Argonne Club home page, at <http://www.anl.gov/OPA/local/clubs/aclub.html>. Those interested may also call Bruce Zabransky at ext. 2-4046 or Gary Dyrkacz ext. 2-7478.

## Seminars

Send seminar listings to Evie Fagan, Building 201, Room 2U-09 (OPA-201). Deadline is 5 p.m. Monday. Seminar listings only can be sent by E-mail to [evie\\_fagan@qmgate.anl.gov](mailto:evie_fagan@qmgate.anl.gov).

### Monday, July 29

Energy Technology Division Seminar: "A Block-Implicit Numerical Scheme for Thermally Driven and Swirling Flows" by Marcelo J.S. deLemos, Department of Energy, IEME/ITA/CTA, Brazil. 10:30 a.m., Bldg. 212, Conference Room A157.

Physics Division Seminar: "Structure of Nuclei at High Spin Around the Mass 80 Region" by Shashikumar Paul, Tata Institute of Fundamental Research, Bombay, India. 3:30 p.m., Bldg. 203, Conference Room R150.

### Tuesday, July 30

APS Accelerator Systems Division Seminar: "Introducing the Shanghai Synchrotron Radiation Facility (SSRF) Project" by Fujia Yang, Director of the Shanghai Institute of Nuclear Research and President of Fudan University, People's Republic of China. 10 a.m., Bldg. 401, Conference Room B2100.

Chemical Technology Division Seminar: "Studies of the Synthesis and Stability of Zeolites Using Synchrotron Radiation Methods" by Neville N. Greaves, Head of Materials Science, CLRD Daresbury Laboratory, Warrington, United Kingdom. 10:30 a.m., Bldg. 205, Y-Auditorium.

Chemistry Division Seminar: "Measuring ( $\mu$ ,  $v$ ,  $j$ ) Vector Correlations in Polyatomic Symmetric Tops Via 2+N Remp With Time-Of-Flight Spectroscopy" by Patrick Pisano, University of Nevada, Department of Chemistry, Reno. 11 a.m., Bldg. 200, Conference Room J183.

High Energy Physics Division Theoretical Physics Seminar: "Soft Pomeron Physics in Lattice Gauge Theory" by David Richards, University of Edinburgh, England. 2 p.m., Bldg. 362, Conference Room E188.

### Thursday, Aug. 1

Mathematics and Computer Science Division Seminar: "Multiscale Simulation of Material Systems" by Richard B. Clelland, Duke University, Durham, N.C. 10:30 a.m., Bldg. 221, Conference Room A216.

Chemistry Division Seminar: "Interesting Magnetism of Lithium (C211) Electride" by Kerry Reidy-Cedergren, Chemistry Department, Michigan State University, East Lansing. 11 a.m., Bldg. 200, Conference Room J183.

### Friday, Aug. 2

Chemistry Division Seminar: "Approaching Magnetic Field Effects in Biology Using The Radical Pair Mechanism" by Jeff Canfield, University of Illinois, Champaign. 11 a.m., Bldg. 200 Conference Room J183.

# Classified Ads

## MISCELLANEOUS

COUCH — Beige, simple but cushy, good condition, good for rec. room. \$75. Ken Lerner, (708) 769-1143.

MISCELLANEOUS — Men's Wilson golf clubs, metal woods 1, 3, 5, irons 2-9, SW, putter & deluxe nylon bag. \$85. Men's, size 12 roller blade "Lightning" in-line skates. \$60. Al Longnecker, (815) 436-6296.

LAWN TRACTOR — Ward's, 38", 11 HP w/grass catcher & 36" snow thrower attachments, 19 years old, recently overhauled, new battery. \$600. Fran Clark, (708) 852-6353.

MISCELLANEOUS — 3-piece coffee table set. \$125. Dining room set, table, 4-chairs & china cabinet. \$400. Mark Lale, (708) 687-6370.

PIANO — Wurlitzer, light oak spinet piano, one owner. Originally \$1,300 - asking \$600. Sharon Lesinski, (815) 886-9627.

GITARAMP — Marshall Valvestate VS30R, 30 watts RMS, head phone jack, line-out clean/dirty channels, foot switchable, 4 months old, excellent condition. \$260. Frank Kovachik, (815) 741-0224.

SADDLE — Western, 15" seat, nice shape. \$200. Marion Kopriva, (708) 325-0512.

HANDICAP SCOOTER — Handicap three-wheel scooter, like new, 95 model, battery charger. \$2,100 o.b.o. Raymond Rucinski, (708) 985-1146.

GOLF BALLS — Like new, cheap, white, yellow & orange. Helen Kuzma, (815) 838-6057.

MISCELLANEOUS — Corner coffee table, art deco, grayish-beige, two-tiered, solid wood, approximately 36" x 36" from Home Depot. \$100. 2 old mirrors, oblong, approximately 6" x 15", to be hung over a dresser or in a hallway. \$45. Martha Teitlus, (708) 257-2815.

WASHER/DRYER — Whirlpool, full size, excellent condition, used for 20 months. Originally \$700 - asking \$350. Baolan Shi, (708) 985-6282.

MISCELLANEOUS — 4-piece matching Samsonite hard-case luggage w/wheels. \$130. Custom 31" x 42" drafting table w/cabinet. \$75. Other items available Aug. 3 at Woodridge Club community lawn sale, 7778 Woodward Ave. Alex DeVolpi, (708) 985-0842.

MISCELLANEOUS GOLF — Bag Boy golf cart. \$20. 64° wedge. \$12. Putter. \$20. Ping Eye one iron. \$40. Large head "Green Monster" driver, never used. \$40. John Meyer, (815) 729-0877.

SKIS — Brand new 1996 K2 skis, model 5500 CS, length 204 cm. Originally \$499 - asking \$375. Nancy Tomczyk, (708) 747-5316.

MISCELLANEOUS — 2 children's bicycles. \$12 each. Chevrolet luggage carrier, never used. \$50. P.S. Maiya, (708) 968-2027.

FURNITURE — Student desks. \$100 & \$75. Couch & 2 chairs. \$500. Couch & 1 chair. \$300. Sewing machine cabinet. \$75. Sofa bed. \$150. Bar stools. \$10 o.b.o. James Bobis, (708) 810-0539.

BED LINER — Truck bed liner for S-10 Chevy pick-up, short bed, like new. \$75. Donald Emery, (815) 838-5091.

MISCELLANEOUS — Motorized treadmill, 5 mph capability, auto incline, digital readout of calories, distance mph, etc., pulse ear clip. \$200. 36" Jogger mini trampoline. \$10. Health trainer. \$125. All items are sturdy models & in excellent condition. Cathy Riblon, (815) 744-9544.

MISCELLANEOUS — Craftsman 12" band saw w/extension table & stand. \$300. Craftsman 4" belt, 6" disc sander w/stand. \$120. Drill press w/stand \$120. 6" bench grinder. \$35. Craftsman 10" table saw w/extension and stand. \$225. Router w/table & books, etc. \$100. 5" vise. \$35. Portable air compressor. \$35. Tim Hickey, (815) 723-2251.

MISCELLANEOUS — 5-piece ranch style living room furniture, sofa, 2 chairs, 2 end-tables. \$275. Hamster cage. \$10. Ray Monroe, (815) 729-1506.

MISCELLANEOUS — Apple powerbook DUD280C, new w/warranty. \$1,200 o.b.o. Apple style writer, 1200 printer, newer used, w/warranty. \$150. Dave Chojnowski, (312) 563-0512.

BICYCLE — 10-speed, 24", Sears, Free Spirit. \$20. Nancy Panno, (708) 852-4471.

FURNITURE — 42" round white Brody kitchen table w/5 Brentwood oak stained wood chairs, brown padded seats, excellent condition, will deliver. \$75 o.b.o. James Frego, (708) 357-5432.

MOVING SALE — Entertainment center. \$30. Refrigerator/freezer. \$80. Kitchen table. \$20. All items o.b.o. Scott Dovel, (708) 378-1534.

MISCELLANEOUS — Sega Genesis system w/Sega CD deck, 3-controllers, backup memory, adapter for 4-players game play & 25 games. \$350. DP ultra gympac fitness system, excellent condition. Originally \$1,000 - asking \$500 o.b.o. Jennifer Obbish, (708) 972-9126.

BICYCLES — Murray, 16" girls Ultra Neon bike, rear hand brake. \$25. Murray, 20" boys Explorer, 10-speed mountain bike. \$35. Ann Murray, (708) 257-7145.

SECTIONAL — Multicolored sectional w/queen size sleeper, like new. \$350 o.b.o. Robert Tesar, (708) 636-7749.

MOVING SALE — Solid oak wall unit. \$250 o.b.o. Desk. \$100 o.b.o. 21" Mac monitor. \$300 o.b.o. Ladies bike. \$75. Girl's bike, 20". \$50. All like new. Robert Ylimaki, (708) 798-3857.

Classified ad request forms are available in stockrooms and at the Office of Public Affairs in Building 201. The old half-sheet forms are acceptable, but note that the deadline is incorrect. Deadline for classified ads is **5 p.m. Monday**.

Please note: All classified ads appear on Argonne's World Wide Web site and can be seen by the public.

Requests can be submitted by fax to ext. 2-5274, or by inter-office mail to Evie Fagan, Building 201, Room 2U-09 (OPA-201). A drop-off box is located at the Argonne News office, Building 201, room 2Q-02 and at 2U-09.

Request forms must be signed and must include a home phone number. Ads cannot be accepted by phone or electronic mail. Please limit ads to 25 words; longer ads may be edited. Housing listed for sale or rent is available without regard to race, creed, color or national origin.

MISCELLANEOUS — 12" boy's bike. \$10. Battery operated power wheels bike, needs battery. \$25. Size 1 boys roller blades. \$5. Little Tikes basketball. \$10. Swing set. \$25. Karen Burke, (815) 886-0610.

MISCELLANEOUS — Weight bench w/leg lift bars & weights. \$35. Weber kettle grill. \$25. Karen Burke, (815) 886-0610.

WORD PROCESSOR — NEC StarWriter, includes bubble-jet printer, LCD display, keyboard, floppy disk drive & software. \$200. Joe Sullivan, (815) 485-9255.

MATTRESS/BOX SPRINGS — Simmons Beautyrest, king-size mattress & box springs, good condition. \$40. Ira Charak, (708) 246-6424.

LAWN MOWER — Murray, 3.5 HP, Briggs & Stratton engine. \$75. Maria Addison, (708) 257-0092.

BEARS TICKETS — 2 preseason games, Sunday, Aug. 11, vs. Miami, noon & Thursday, Aug. 22, vs. Kansas City, 7 p.m. 2 tickets per game. \$33 each. Lori Greenwood, (815) 741-0257.

DEHUMIDIFIER — Westinghouse, removes up to 25 pints of water per day, automatic on/off control. \$50. Richard Konecny, (708) 964-3660.

SOFA — Pair of 2-cushion, fixed back, 72" sofas, excellent condition. \$300 each. Pete Jemian, (847) 615-8069.

WASHER/DRYER — Portable, Kelvinator, hooks up to the sink or permanent hook-up, like new, must sell. \$399. Dusan Lexa, (708) 637-3889.

## AUTOMOBILES

1985 TRAILER — Lazy "N" horse/camping trailer, 2-horse, side by side, 27" radials, stored inside, excellent shape, all amenities, deluxe, new fridge. \$16,900. Marion Kopriva, (708) 325-0512.

1991 NISSAN — Sentra XE, 2-door, black, AT, AC, cruise, AM/FM cassette, 68K miles. \$4,600. Mark Lale, (708) 687-6370.

1989 FORD — Taurus SHO, 64K original owner miles, red w/titanium leather & cloth interior, adjustable Koni's, Eibach springs, 73mm vortech mass flow air meter, superchip, K&N air filter, rod shifter, redline synthetic transmission oil, carbon fiber brake pads, pampered, synthetic oil since new, never been hit, very good condition. \$6,299 o.b.o. Bob Larsen, (630) 759-5443.

1986 OLDSMOBILE — Cutlass Cierra, AT, PS, PB, AC, 75K miles. \$2,700. Donald Emery, (815) 838-5091.

1982 MAZDA — 626, 2-door, runs well, sunroof, AT, CC, PW, new alternator. \$1,000 o.b.o. Lioneli Datchary, (708) 301-7732.

1982 CHEVROLET — Caprice Classic station wagon, V8, AC, PS, PB, radio, Ziebart under coating, 89,600 miles, one owner, excellent condition. \$2,000. P.S. Maiya, (708) 968-2027.

1985 HONDA — Civic, 2-door hatchback, 5-speed, runs. \$1,000 o.b.o. Kenneth Teh, (708) 663-0807.

1973 TRAVEL TRAILER — 18' Smokey, sleeps 6, self-contained, includes hitch, spare tire. \$800 o.b.o. Michael Essling, (708) 832-8483.

1988 VOLKSWAGEN — Golf, 4-door, PS, PB, AC, well maintained, new clutch, starter, fuel pump, good engine, heat, AC, body. \$1,500. Glenn Wittman, (312) 465-4253.

1986 CHEVROLET — S-10 pickup w/cap, 74K miles, 4-speed, AM/FM cassette. \$2,500 o.b.o. John Benkert, (708) 246-9552.

MOTOR HOME — With or without towed car, 1994 Fleetwood Bounder 34J, 1994 Saturn SL2, 4-door sedan, many extras. Merwyn Brodsky, (708) 748-3388.

1975 OLDSMOBILE — Cutlass Supreme, lots of new parts, runs great. \$1,200. C. Ader, (815) 836-8813.

1986 BUICK — Century, silver, 2-door, 4 cylinder, Sony AM/FM cassette, new tires, water pump, tie rod, regular oil changes, comfortable, roomy, very reliable. \$1,395. Maria Addison, (708) 257-0092.

1982 YAMAHA — Virago 920cc motorcycle, good condition, new clutch, good tires & battery, includes windshield, sissy bar, etc. \$1,400. Jim Love, (708) 852-5043.

## HOUSING

LAKE PROPERTY — 100' of sand/gravel frontage on Lake Tomahawk on the Minocqua-Chain-of-Lakes, Minocqua, Wis., beautiful view with western exposure. \$139,000. Marty Wambsgans, (708) 530-7209.

TIMESHARE/CONDO — Oceanfront, Daytona Beach, Fla., week 47, usually Thanksgiving, 1 bedroom, 2 baths, kitchen, living room & balcony, pool, sauna, workout room, game room, beach is through gate, private club. \$2000 o.b.o. Karen Burke, (815) 886-0610.

HOUSE/RENT — Cozy 5 rooms, central Lockport, large lot, one-car garage, near train & shopping. \$650/month + security. C. Ader, (815) 836-8813.

HOUSE/SALE — Woodridge Village, 4 bedrooms, 3 baths, fireplace, 2-car garage, colonial style, 15 minutes to lab. \$138,000. Jacques Bouillard, (708) 852-7018.

## WANTED

BUGGER — Cart for pulling young children behind a bike. Chuck Van Groningen, (708) 371-2949.

FLAGSTONE — Flagstone rock. Tom Buffington, (708) 904-4254.

CAR — Honda Prelude, 1992 or newer, under 50K miles. Lora Durak, (708) 460-2033.

RADIO — Free, brand name radio w/cassette player for automobile, radio does not have to be in working order. Martha Teitlus, (708) 257-2815.

CAR SEAT — Infant/toddler car seat. Laura Dobczyk, (815) 727-5529.

## FOUND

CLOTHING — Bag of personal clothing, including blue/gray "Forward Motion" nylon exercise suit, high top sneakers, knit cap, etc. in Bldg. 202. Contact building manager, 2-3944.

## Now Playing ...



Argonne's video kiosks are now showing a clip from a recent Idaho Falls newscast featuring the startup of Fuel Conditioning Facility operations.

Video kiosks are located in the lobbies of Buildings 200, 213, 360 and 362.



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